

Abstract

A granulator device (101) for the treatment of powdered products comprises a closed container (102) forming a chamber (103) for treatment of the products, filter elements (104, 105) projecting into the treatment chamber (103), the filter elements comprising a multi-layer filtering wall (105) through which a fluid current can pass, and powder removing parts (106; 107, 108, 109, 110) designed to diffuse at least one service fluid directed towards at least the filtering wall (105); the powder removing parts (106; 107, 108, 109, 110) having at least first diffuser nozzles (107) and at least second diffuser nozzles (108) to diffuse the service fluid so as to free the filtering wall (105) of the powders trapped in it; there also being parts (140, 142, 147) for supporting and driving the filter elements (104, 105) which can change the angle of the filter elements (104, 105) from a first operating position, in which at least the first nozzles (107) act on the filtering wall (105), to a second operating position in which the filter elements (104) are set at an angle to the first operating position to allow the second diffuser nozzles (108) to operate on the filtering wall (105).